



# THE RHUMB LINE

MAINE MARITIME MUSEUM

SEPTEMBER 1996

## MUSEUM RECEIVES NEW MODEL

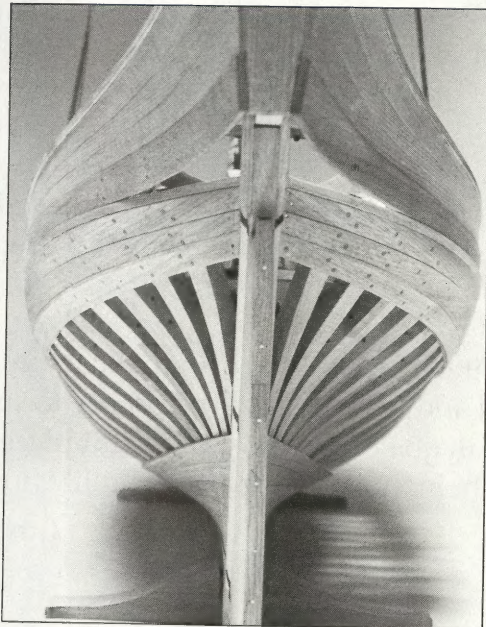


Photo courtesy of Janet Stearns  
Photography, Boston MA

Among its recent acquisitions, the Museum took delivery of a beautiful plank-on-frame rigged model of a pinky schooner, built over a ten-year period by skilled model shipbuilder, Bill Bromell. Mr. Bromell, a model shipwright of many years experience, works his craft in a shop within the USS *Constitution* Museum in Charlestown, Massachusetts.

Bromell worked the same set of plans from which the Museum built its own pinky, *Maine*, ten years ago. These plans are of a pinky schooner built in 1832 in East Boothbay, Maine, by Captain Levi Reed. The lines were drawn by Sam Manning from a delineation of lifts and profile made by Jim Stevens from a half-model owned by the East Boothbay Historical Society. Details of backbone, bulwarks and rudder as well as the deck arrangement, spar location and location of the DWL, are taken from a similar vessel in Plate 6 of *The American Fishing Schooner* by Howard I. Chapelle. The Museum has reproduced some of these lines on its Mold Loft floor as part of the interpretation of shipbuilding given during the Museum's shipyard tours.

## CORA F. CRESSY MODEL COMMISSIONED

The Museum has announced that work has begun on a rigged model of the 273-foot, five-masted schooner *Cora F. Cressy*, built at Percy & Small Shipyard in 1902. Scaled at 1/4 inch to the foot, the completed model will be nearly eight feet long. The new model is being crafted by model shipwright Richard De Vynck who recently completed a model of the Arctic exploration steamer *Roosevelt* for the Peary-MacMillan Arctic Museum, Bowdoin College. Like the *Roosevelt* the plank-on-frame construction of *Cora F. Cressy* will reveal the interior and exterior in exquisite detail.

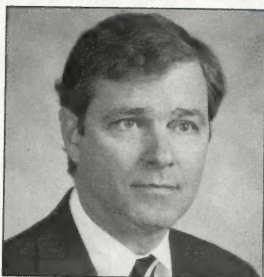
The Museum owns a considerable number of objects which were part of the actual *Cressy*, including her trailboards, steering gear, a quarterboard, railings and cabin paneling. She has been the subject of considerable research by Museum trustee Captain Doug Lee. In fact, many of Lee's drawings of the *Cressy* will be included in the Museum's up-coming history of the Percy & Small Shipyard, co-authored by Captain Lee and Lin Snow.

The completed model of the *Cora F. Cressy* will be a major addition to the Museum's collection and will figure prominently in the planned re-interpretation of the Percy & Small Shipyard. The Museum is deeply grateful to Massachusetts State Senator Jack Fitzgerald for his generous commission of the *Cressy* model.



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## FROM THE CHART TABLE



We have had a marvelous summer season. Two visiting vessels, *Gazela* and *HMS Bounty*, were open to the public and the schooner *Spirit of Massachusetts* provided an eye-pleasing backdrop to the Morse High School graduation ceremony.

Our exhibition *Cook: A Shipmaster in Meiji Japan* has provided a pleasing and unusual experience for summer visitors, among them a group of city council members and local business people from the village of Shariki in Japan's Aomori prefecture. Bath and Shariki enjoy a sister-city relationship dating from that village's residents' rescue of four crew members from the ill-fated downeaster *Chesebrough*. We also conducted a full program of shipyard tours and demonstrations, summer day camps, Kennebec River cruises and longer, narrated cruises. A peapod from the collection is being restored in our Boatshop and two pods are being built from the lines.

In conjunction with the Patten Free Library, we published the book *The Pattens of Bath: A Seagoing Dynasty*, written by Ken Martin and Lin Snow. Work on the history of the Percy & Small Shipyard continues apace, with an anticipated summer of 1997 publishing date.

Looking at the calendar, it won't be long before the Maine winter regains its prominence. In the meanwhile, we will enjoy the glorious autumn here in New England and we will have the chance to share our wonderful Museum with the Fall visitors who have come to be in one of the most beautiful places at one of the best times of the year. If you haven't done so in a while, why not join them? We'd like to see you.

Tom

Thomas R. Wilcox, Jr.  
Executive Director

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### LEONARD W. CRONKHITE, JR., M.D. IN MEMORIAM

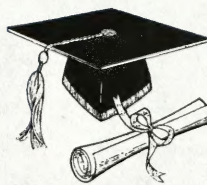
It is with sadness that we report the death of the Museum's Chairman of the Board of Trustees, Len Cronkhite on July 20, 1996. Len joined the Museum as a member in 1978, was elected to the Board in 1986 and served as chairman beginning in 1994.

Over the last two decades Len was a loyal friend of the Museum and will be greatly missed by all.



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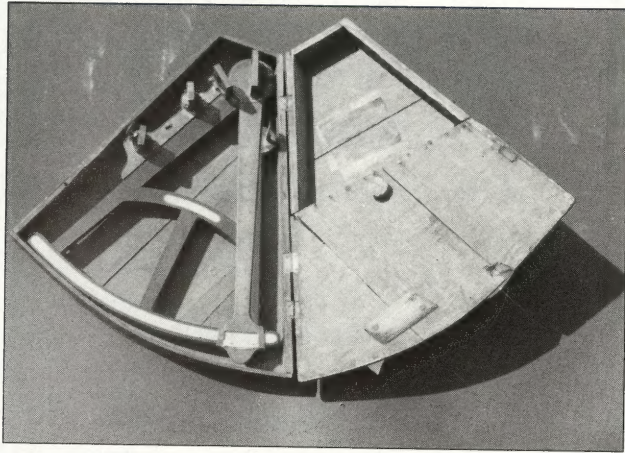
### MORSE HIGH SCHOOL GRADUATION



On a lovely June evening, 2,500 people gathered between the launching ways at Percy & Small Shipyard to celebrate the 1996 graduating class of Bath's Morse High School. With a huge tent in place and people sitting on the slopes around the shipyard, the Museum was the perfect setting for this event. The stage was the Bath Municipal Band mobile shell. Boats in the river, lit by the early evening sun, included the Museum's pinky schooner *Maine*, its 1916 Wilbur Morse-built Friendship Sloop *Chance*, its 1927 lobsterboat launch *Eight Bells* and, tied up to the Fitting Out Pier visiting schooner *Spirit of Massachusetts*.



## RECENT ACQUISITIONS



Earlier this year the Museum acquired an early quadrant with important Maine provenance. The maker's name is not known for certain, but the inside case lid bears a paper label from the shop of Anthony Davenport, a "mathematical instrument maker" active at No. 10 Jones Row, Exchange Street, Portland during the period 1823-30. The quadrant came into the historic collections because of the interest of new Member Elizabeth Rich of Needham, Massachusetts.

## A NEW PHOTOGRAPH OF THE *CORA F. CRESSY*

This Museum has long been interested in the five-masted schooner *Cora F. Cressy*, built by Percy & Small in 1902. Still visible as a hulk in the Medomak River at Bremen, Maine, the *Cressy* has been visited several times by Museum staff and volunteers, and pieces of her are featured in a number of exhibits here, including her billethead and trailboards in the Maritime History Building's Sewall Hall. We were delighted, therefore, in the early summer, to acquire a photograph album with a hitherto-unknown picture of this big schooner.

The album was purchased from a dealer in New York City, and nothing is known of the photographer. Most of the 340 photographs, however, are identified in the album with captions, and some are dated. The majority of the pictures are scenes of Penobscot Bay and environs with many images of steamboat wharves taken from the steamers. The dates range from about 1927 to about 1947. It is hoped that further research will reveal more about the album.



The *Cressy* photograph shows her distinctive shape at a Bangor wharf. This may have been taken just before her last voyage under sail, from Bangor to Boston in September 1928. The following year she became a waterfront nightclub, and in 1938 she was brought back to Maine to be a lobster pound (which didn't work out too well) and breakwater. Because of her longevity, her above-water status, and happy coincidences like the acquisition of this photograph, she is rivaling *Wyoming* as Percy & Small's best-documented vessel.



## MMM ON THE WWW

Maine Maritime Museum's Internet Web page is reviewed as a featured home page in *Interface Monthly*, August 1996. The editor is quoted as saying "this is a great promotional Web site for the museum... and features a coupon that Web visitors are invited to print out and bring with them for an admission discount. What terrific way to find out how effective a Web Site is at attracting real business."

At the Museum's home page, visitors are given a brief description of the Museum and are treated to a photograph of the pinky schooner *Maine* under full sail and three representative paintings from the collection. *Interface Monthly's* editor also describes the photo and prints as "first rate, particularly the three from their exhibit." Various pieces of hypertext allow one to move through the Web site finding out about current exhibits, public programs, including the boat ride/cruise schedule, travel directions and other points of interest and places to dine and to stay.

The Museum intends to link its site with others as time goes by and to add to the Web site as we become more familiar with users' preferences.

The Museum's home page address is as follows:

<http://www.bathmaine.com>.



## THE GREAT KENNEBEC RIVER RAFFLE

for the benefit of

MAINE MARITIME MUSEUM  
educational programs

Two Fabulous Prizes:

1. A beautiful, custom-built, 12 foot yacht tender, designed by Lawley;
2. A world-famous, hand-made, New Gloucester Rocker signed by Thomas Moser

\$5 per chance - 6 for \$25

Tickets may be purchased at the  
Admissions Desk at the Museum.  
243 Washington Street, Bath

Winner will be drawn October 15, 1996

## MAIL-IN RAFFLE TICKET REQUEST

PLEASE PRINT CLEARLY

Name _____	Total \$ _____	Enclosed \$ _____
Street _____	<input type="checkbox"/> Check <input type="checkbox"/> Credit Card ( <input type="checkbox"/> MC <input type="checkbox"/> VISA <input type="checkbox"/> Discover)	
City, State, Zip _____	Credit Card # _____	
Telephone _____	Signature _____ ex date _____	
# of tickets/chair _____	# of tickets for boat _____	



# WELCOME ABOARD

## NEW MEMBERS MAY 1 - JULY 31, 1996

Mr. and Mrs. Peter R. Ainsworth	(ME)	Judith Logan	(ME)
Charles and Gail Alling	(ME)	Karen H. Love	(PA)
Elizabeth and Kristofer Anderson	(ME)	Holt Massey	(MA)
Robert H. Bensing	(ME)	George F. and Martha D. May	(NH)
Liane Blumenthal	(ME)	Ernest and Lillian Mayer	(ME)
Steven Bokleman	(ME)	Karin and Leighton McIlvaine	(CT)
Rich and Teri Bolton	(MA)	Amy Meckey	(ME)
Connie Boyer	(ME)	Maurice Menasche	(NY)
George and Carolyn Bragg	(ME)	Jim and Linda Mercer	(ME)
Chris Branson	(ME)	Mr. and Mrs. John G. Morse IV	(ME)
Laura Brown	(ME)	Sharon Mote	(NV)
Mary Lou Brown	(ME)	Anne D. Mowat	(ME)
Vincent Brown	(ME)	Bill and Carol Murray	(ME)
Sandy Bryant	(ME)	Mr. and Mrs. Jack K. Paquette	(OH)
Ralph Cadman	(ME)	Sheri L. Poirier	(ME)
Pauline Cadrin	(ME)	Roger Poulin	(ME)
Juan Carera	(DC)	William A. Rice	(ME)
James and Susan Carlson	(ME)	Gail N. Richter	(ME)
Dawna Decker	(ME)	Frederic Rowe	(ME)
Paul and Nelly Doolan	(ME)	Mr. and Mrs. George E. Russell, Jr.	(MA)
William Fowler	(MA)	Melissa H. Ryan	(ME)
Teresa Giandrea	(ME)	Charlene Rydell	(ME)
Stephen B. Goodwin	(ME)	Andrew M. Salamon	(ME)
Stephen and Bernadette Gural	(ME)	William Scofield	(CA)
Capt. Paul C. Haley	(MA)	Wendy J. Sinton	(ME)
Monty Haller	(ME)	Judith S. Stallworth	(ME)
Rebecca Hammerbach	(ME)	Virginia Stanhagen	(ME)
Eileen S. Harvey	(ME)	J. Thomas Stypinski	(ME)
Julian H. Hatch	(ME)	Linda and Charles Swanson	(MA)
Angie Hein	(WI)	Jeff Thaler	(ME)
Barbara B. Hughes	(ME)	Jennifer Tipton	(ME)
John Johnson	(ME)	Carrol White	(ME)
Mr. and Mrs. William H. Jones, Sr.	(ME)	Scott Wilson	(ME)
Margery N. Kerr	(ME)	Gertrude L. Wing	(ME)
B. Lamar	(ME)	Roger F. Woodman, Jr.	(ME)
George V. Lauder	(ME)	Dr. Elihu York	(ME)
Jean Marig Lebourg	(France)	Dani Zirkle	(ME)
Steve and Tina Leeman	(ME)	1996 graduates of Morse H.S.	(ME)
Polly Leland-Mayer	(MA)		

## NEW CORPORATE MEMBERS MAY 1 - JULY 31, 1996

Bickford Lumber Company  
H.E. Callahan Construction Co.  
Casco Cable Television  
Fairhaven Inn

Roebuck Real Estate  
The Sandwich Shop  
The Times-Record



## DON'T LET US SET SAIL WITHOUT YOU

Support MMM By Becoming a Member

Individual \$ 25	Patron \$250
Family \$50	Shipwright \$500
Sustaining \$125	Downeaster \$1000

Please send us your check or call our membership Department to make your pledge:

## NEW EXHIBITION HIGHLIGHTS A SHIPBUILDING LEGACY

Following in the wake of the publication of a new book on the Patten Family of shipbuilders, Maine Maritime Museum will present a comprehensive exhibition this fall on the family and their legacy to Bath.

Entitled *A Seagoing Dynasty: The Pattens of Bath*, the exhibition title mirrors the title of a new book written by Ken Martin and Lin Snow that details the history of the family in Topsham and Bath. Martin and Snow's text provides the baseline for the exhibition, with additional material made available by long time Patten collector Charles E. Burden, M.D.

Paintings, models, household furnishings and personal ornament will be included in the exhibition. The Crooker Gallery will be reinstalled to reveal the Pattens, particularly the brothers George F. and John, as builders and owners of one of the largest merchant fleets in America, and the benefactors of several important city projects including the Patten Free Library, co-publishers of the new book.

*A Seagoing Dynasty* opens November 22 and continues through May 18, 1997. An invitational Members' Preview Reception is being planned for the evening of November 21. Several Patten descendants expect to be on hand to take part in the festivities.

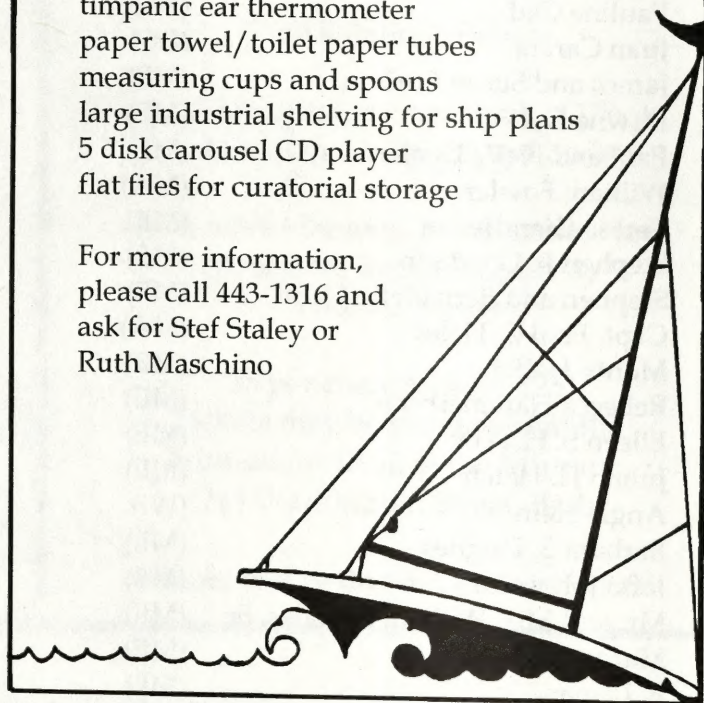
## WISH LIST

larger wood stove	large freezer
stationary sander	pots and pans
cookie sheets	chaffing dishes
baskets	rolling library cart
golf cart	dish towels
acrylic craft paint	aprons
wood auger	wood planes
hammers	cross cut saws
shoe boxes	3 cords firewood

Also...

Treasure Island video (Disney version)  
banquet style table cloths (cloth and vinyl)  
4 director's folding chairs  
timpanic ear thermometer  
paper towel/toilet paper tubes  
measuring cups and spoons  
large industrial shelving for ship plans  
5 disk carousel CD player  
flat files for curatorial storage

For more information,  
please call 443-1316 and  
ask for Stef Staley or  
Ruth Maschino



In the last issue of the *Rhumb Line* the telephone extension list was not complete. We regrettably omitted Nathan Lipfert's extension. To talk with Nathan or to leave a message on his voice mail please ask the receptionist for extension 328.



## CIVIL WAR RE-ENACTMENT

With shots being fired from Fort Preble in South Portland and from pursuing vessels, sailors aboard the Museum's pinky schooner *Maine*, fired back valiantly but to no avail. Masquerading as the captured Federal revenue cutter *Caleb Cushing*, *Maine* soon vanished in thick cloud of gunpowder smoke, symbolizing the actual destruction of the real *Caleb Cushing* in 1863.

The pinky, skippered by Museum Director Tom Wilcox, participated in a staged re-enactment of the cutting out of the *Caleb Cushing* by Confederate raider Charles W. Reid. The event was to benefit the restoration of several hundred flags at the Maine State Museum. Although the real *Caleb Cushing* was a larger topsail schooner, *Maine* made a nice impression and acquitted herself well.

Reid's campaign, although it ended in his capture, was highly successful and resulted in over twenty Union vessels having been captured or sunk. His carrying of the Civil War deep into New England so unnerved the nation and the citizens of Maine that Fort Popham, at the mouth of the Kennebec River, was constructed to thwart further incursions by Confederate sea raiders. No further incidents did occur, and Fort Popham was never involved in a hostile action.

*Maine's* crew in addition to Wilcox included: Director of Public Programs Ruth Maschino; Public Programs Assistants Sue Drumm and Patti Rethi with her husband Jake; Shipyard Manager Kevin Johnson and his daughter Courtney; Volunteers Bill and Suzanne Bushnell, Bob Niles and Bruce Mott; Librarian Nathan Lipfert. Volunteer Boatkeepers Art Lapham and Irv Stroud made *Maine* shipshape for her voyage.

## DECATUR TO BE LAUNCHED

Bath Iron Works has scheduled its next launching for November 9, 1996. The vessel now under construction is the *Aegis* destroyer *Decatur* (DDG 73), BIW hull number 462. Travelers crossing the Kennebec River on the Carlton Bridge this fall may get a good look at as many as four *Aegis* destroyers at the company wharves, including the U.S.S. *Gonzales* (DDG 66); *The Sullivans* (DDG 68); *Hopper* (DDG 70); and *Mahan* (DDG 72).

## MUSEUM KUDOS

*Yankee Magazine's*

### TRAVEL GUIDE to New England

The 1996 Edition of the *Travel Guide to New England* is proud to announce that

MAINE MARITIME MUSEUM  
BATH, MAINE  
was selected as a

1996 EDITORS' PICK

making it one of the outstanding reasons to visit New England.



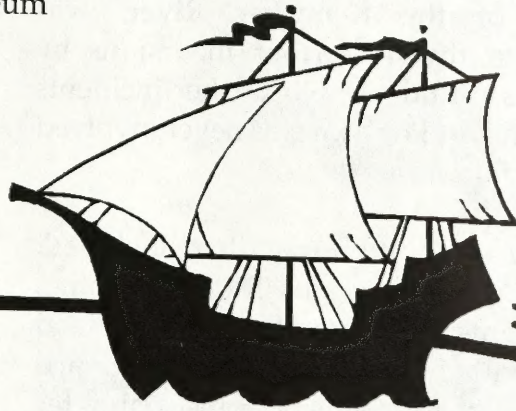
## WE NEED YOUR HELP

The Museum's Annual Fund is devoted to generating critically needed operating revenues each year. Typically, Annual Fund dollars are used for equipment, program enhancements, maintenance and upkeep of the physical plant and the collection along with a host of other day-to-day needs covering the entire Museum.

This year tourism in Maine is down across the State and, so too at the Museum. Therefore, Annual Fund monies are even more critical. You are invited, indeed encouraged, to show your support and to ask fellow Museum members and friends to show theirs by contributing to the Annual Fund.

Your gifts are testimonials to your personal investment in the Museum's future by helping it meet the requirements of today and tomorrow. Your personal loyalty and cooperation are a special component in Maine Maritime Museum's success.

Our annual supporters are people with broad and diverse interests who have joined together in a common cause: to help Maine Maritime Museum progress and thrive.



### Maine Maritime Museum Annual Fund

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Telephone \_\_\_\_\_

Total Gift \$ \_\_\_\_\_ Enclosed \$ \_\_\_\_\_

### Payment method:

☐ Check ☐ Credit Card (☐ MC ☐ VISA ☐ Discover)

Credit Card # \_\_\_\_\_

Signature \_\_\_\_\_ ex date \_\_\_\_\_

☐ My employer is a matching gift company.

☐ Send information on including the Museum in my will.



## THE MUSEUM STORE AT MAINE MARITIME MUSEUM



### New Publications!!

***The Pattens of Bath: A Seagoing Dynasty*** - written by Kenneth R. Martin and Ralph Linwood Snow, well-known maritime and local historians and published jointly by Maine Maritime Museum and Patten Free Library. A historically accurate, yet entertaining and human approach to this shipbuilding family. Not only will the reader learn of daily life and scandal in Bath, Maine, but also of life at sea aboard Patten ships and the national and international forces that influenced local events. \$22.95

***Meiji Japan: A Sailor's Visit*** - a companion piece to the summer exhibition, *Cook: A Shipmaster in Meiji Japan*. Two essays are included. The first, by Frederic A. Sharf, details the two voyages to Japan by Captain Melville B. Cook of Friendship, Maine. The second essay by Museum Curator Robert Webb is the first detailed analysis ever published about the case-oil trade to Asia. This 48-page publication features color reproductions of several of the nineteenth-century Japanese woodblock prints from the Jean S. and Frederick A. Sharf Collection which are featured in the exhibition, as well as a number of historic photographs. *Meiji Japan: A Sailor's Visit* is available from the Museum Shop at a special members' price of \$10.95 plus applicable shipping and handling.

***Up River: The Story of a Maine Fishing Community*** - by Olive Pierce with word pictures by Carolyn Chute. This photo essay "captures both the spirit of the place and the soul of the people who inhabit the Neck, a finger of land pushing out into Muscongus Bay on Maine's central coast." \$19.95

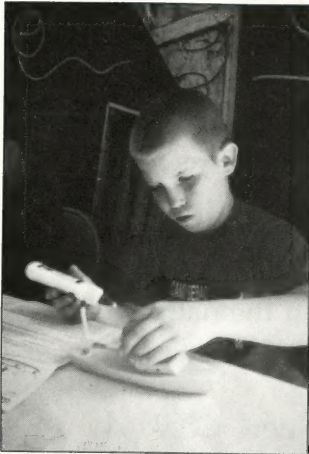


The ***Sherman Zwicker*** provides the backdrop for handpainted **Nash Pottery**. Whales, fish, puffins, and sailboats on pottery pieces created for the Museum are available in a variety of shapes for giving or collecting.

Museum shop staff will soon be taking their semi-annual buying trip to several of the largest trade shows in the U.S. They will be stocking the store with many nautical treasures from near and far, just in time for the holiday season. Be sure to stop by for a preview.



## EDUCATIONAL PROGRAMS READY FOR 1996-1997 SCHOOL YEAR



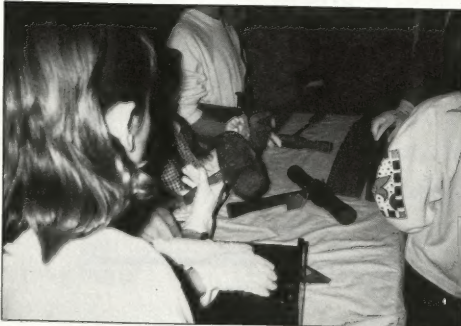
The coming school year promises to be exciting for over 500 elementary students in a number local schools. For the fifth year Maine Maritime Museum will present a series of educational programs that are specifically designed to integrate the Museum's informal learning strengths with those of the traditional classroom. The programs

involve a series of six museum visits, 90 minutes in length, that are integrated with classroom curriculum, stress cooperative learning and multiple intelligence and learning styles.

These focused learning experiences (FLEX) have been very successful. The program started as a pilot program with 4 classrooms participating and is now currently serving 38 classes in 8 communities. FLEX is a two year program. Phases I and II are offered on alternate years so that by the time a child completes elementary school he/she participates in two years of intensive programming with the Museum.

In September Museum education staff visit the schools to introduce the program and complete an exercise titled "How to Read an Artifact" which is designed to have the students experience different types of information that can be gleaned from objects.

In October the students visit the Museum; tour behind the scenes (collection storage, archives, library, administrative and curatorial offices); learn about the internal organization of the institution and career opportunities; sing sea shanties aboard the Grand Banks Schooner *Sherman Zwicker*.

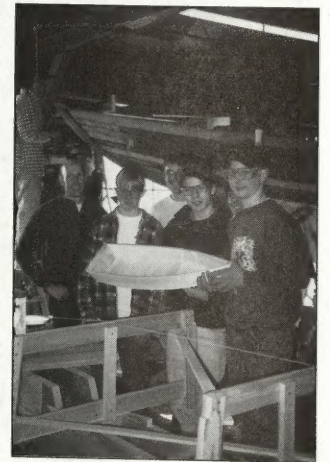


Beginning in November, students visit the Museum and participate in a variety of programs.

Students in 1st and 2nd grades participate in:

Sizes and Shapes - Students learn how shapes are used to build a ship; how shapes are made, examine two different vessels and compare and contrast their shapes. They participate in the basics of lofting; compare the sizes of three different vessels; visit the Boatshop to learn how to make shapes out of wood using a steam box, wood plane, and auger.

Complete Patterns; The Design of Things - Students investigate the patterns found in all different types of vessels. They use Morse code and signal flags to send and receive "patterned" messages; learn how to identify a vessel by the patterns of its sails; investigate patterns that hold things together by caulking, pounding treenails and doing rope work.



Hand in Hand - Students examine x-rays of a hand, a whale's flipper, a lobster claw, a dog paw, and a duck foot to see how they work and for what types of work they are suited. They investigate use of hands in lifesaving by using PFDs, firing a flare gun and participating in small boat safety. They learn about navigation by looking at compasses, log lines, hour glasses and the stars. They experience leisure time aboard a vessel by making a sailor's valentine.

Lobstering and Fishing - Students learn about the life of a Maine lobster, clean a lobster, make lobster stew, and then eat it. They make a lobster boat model and investigate fishing techniques. They examine trawls, gill nets, lobster traps and even pretend they are fish by crawling through a large trawl net. They talk with a fisherman to learn about fishing as a career.

Students in 3rd and 4th grade participate in:

Time - Students explore why keeping track of time aboard a vessel was and is very important to the sailor. They learn about keeping track of time through daily and seasonal weather patterns and try





their hand at activities that a sailor would have done while passing time on board a vessel such as scrimshaw and storytelling.

Maps and Navigation - Students look at some of the tools people use to find their way around. Using charts they locate shipwrecks along the Kennebec River. Using a compass, students participate in a compass scavenger hunt, looking for treasure.

Ports of Call - The children learn how sailors found their way to various ports of call, taste hard tack and dried beef. They watch some 1929 film footage of a trip around Cape Horn and then "visit" ports where they participate in hands-on activities such as making sailors valentines from Barbados, put together a model of the *Niña* in Spain, make Japanese folding fans and copper African masks.

Wind - Students experience how wind works by sailing aboard the schooner *Appledore*. They assist the crew in preparing for the sail, assist in navigating out of the harbor, cruise the local islands and then return to port.

All students participate in a final picnic in June where they receive certificates of completion and a specially designed T-shirt.

Over the last five years the students, parents, teachers and school administrators have been very enthusiastic and supportive. FLEX is an excellent example of what can be accomplished through a collaboration between schools, businesses and not-for-profit institutions like Maine Maritime Museum. Each year brings a new group of students with new challenges. We are looking forward to 1996 and the program's continuing impact in helping to create a pattern of life-long learning and student aspiration for success.

## 1996 Fall Boatshop Workshops

This fall's Boatshop workshops are all designed to help you end the summer boating season in a way that ensures fewer hassles in the spring. Each session is from 9:00 a.m. - 4:00 p.m. Cost is \$35 for members and \$40 for non-members. Reservations are required and may be made by calling 443-1316 or mailing payment to Boatshop Workshops, 243 Washington Street, Bath Maine 04530.

**October 12**      **Winter Lay Up: Tried and True Tricks** with Ken Textor, author and weekly boating columnist for the Maine Sunday Telegram. Ken, who has been living and working on boats for 20 years, will detail standard operating procedures for winterizing a vessel ashore at a marina and winterizing afloat. What are the particulars of winterizing electronics? What is the best chafing material for boat cover frames? What is the most cost effective cover for a boat. The workshop will highlight these and other important questions.

**October 26**      **Sail Maintenance** with Win Fowler, owner of Shore Sails in Yarmouth, will cover how to identify common sail problems such as dirt, UV degradation and chafe, what to do till the sailmaker comes - stitching tears, hardware, corners, how to assemble a useful sail repair kit, and how sails are assembled in terms of design, modern materials and construction techniques.

**November 2**      **How to Give Your Boat a Physical** with Gordon Reed, owner of Robinhood Marina. This workshop will cover how to inspect a boat for problems and how to develop a worklist. All systems will be covered as well as the hull and rigging. The workshop is a must to make next year's boating trouble free.

**November 16**      **Paint and Varnish** Will West, manager of the Museum's boatshop. If your vessel needs a paint job that both looks good and lasts the season then there's a bit more to painting than just "slapping the paint to her." Marine finishing requires good preparation of the surface, sanding stripping and filling. This workshop will cover all aspects of paint and varnish, including alkaloid based paints and varnishes, primers, fillers and their idiosyncrasies, tools and their proper use.



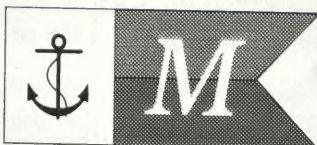
## BEHIND THE SCENES AT BIW

Maine Maritime Museum, in cooperation with Bath Iron Works and the Bath Area Bed and Breakfast Association, is pleased to announce a first time special program that you will not want to miss. On October 26, Maine Maritime Museum will be offering a four hour look at the history of shipbuilding and Bath Iron Works, culminating with a guided tour of the Iron Works. The itinerary will be as follows:

- |            |  |
|------------|--|
| 10:30a.m.  | Arrive at MMM for tour of the Percy and Small Shipyard and a BIW film that includes a brief history of the <i>Arleigh Burke Aegis</i> class destroyer and showing the major steps in steel shipbuilding. |
| 11:45 a.m. | Box lunch in mold loft   |
| 12:15 p.m. | Board <i>Linekin II</i> for trip up river focusing on shipbuilding history and a close-up look at BIW, waterside   |
| 1:00 p.m.  | Arrive at BIW for a guided tour of the shipyard  |
| 2:15 p.m.  | Board <i>Linekin II</i> for return to MMM  |
| 2:30 p.m.  | Arrive back at MMM.  |

The price for this unique program is \$30.00 for members and \$35.00 for non-members. The Bath Area Bed and Breakfast Association has developed a wonderful overnight package. Make reservations soon as this program will likely sell out quickly. Call 443-1316 for more information or to make your reservation.

MAINE  
MARITIME  
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